

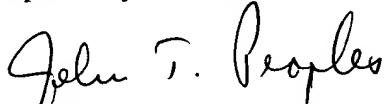
REMARKS

All of the original claims 1-21 have been cancelled, and replaced with claims 22-42 to ensure that the Applicant sets forth with particularity what the Applicant regards as his invention.

Accordingly, substantially all of the Summary of Invention (pages 8 and 9) has been replaced to be commensurate with the newly-added claims.

Typographical errors on page 13 relating to Figure numbers have been amended to secure correspondence between the Figures and the specification.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Page 13, line 1 has been amended as follows: --FIG. 22B-21B depicts a (1 2 3) permutation on an 8×8 exchange;--

Page 13, line 2 has been amended as follows: --FIG. 22C-21C depicts a (3 1) permutation on an 8×8 exchange;--

Page 13, line 3 has been amended as follows: --FIG. 22D-21D depicts a combined (1 4)(2 3) permutation on an 8×8 exchange;--

Page 104, line 13 has been amended as follows: -- $k \leq N$, from k inputs (which are not necessarily distinct) to k distinct outputs subject to: there exists a rotation on the ordering of--.

Page 104, line 15 has been amended as follows: --(a) the k active input addresses (which are not necessarily distinct) are consecutive after the rotation; and--.